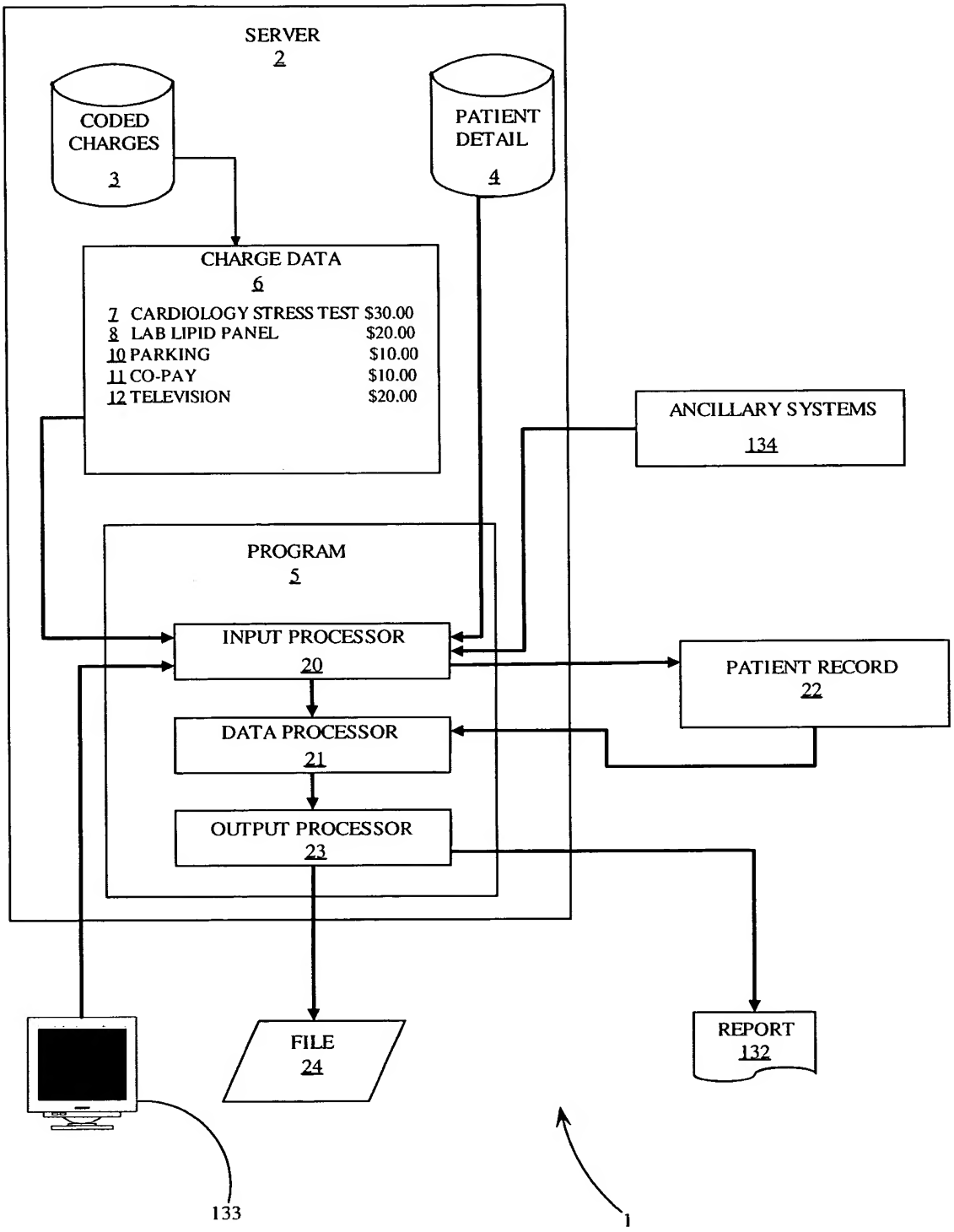
SERVER
2
CODED CHARGES
3
PATIENT DETAIL
4
CHARGE DATA
6
7 CARDIOLOGY STRESS TEST $30.00
8 LAB LIPID PANEL $20.00
10 PARKING $10.00
11 CO-PAY $10.00
12 TELEVISION $20.00
ANCILLARY SYSTEMS
134
PROGRAM
5
INPUT PROCESSOR
20
PATIENT RECORD
22
DATA PROCESSOR
21
OUTPUT PROCESSOR
23
FILE
24
REPORT
132
133
1

Fig. 1

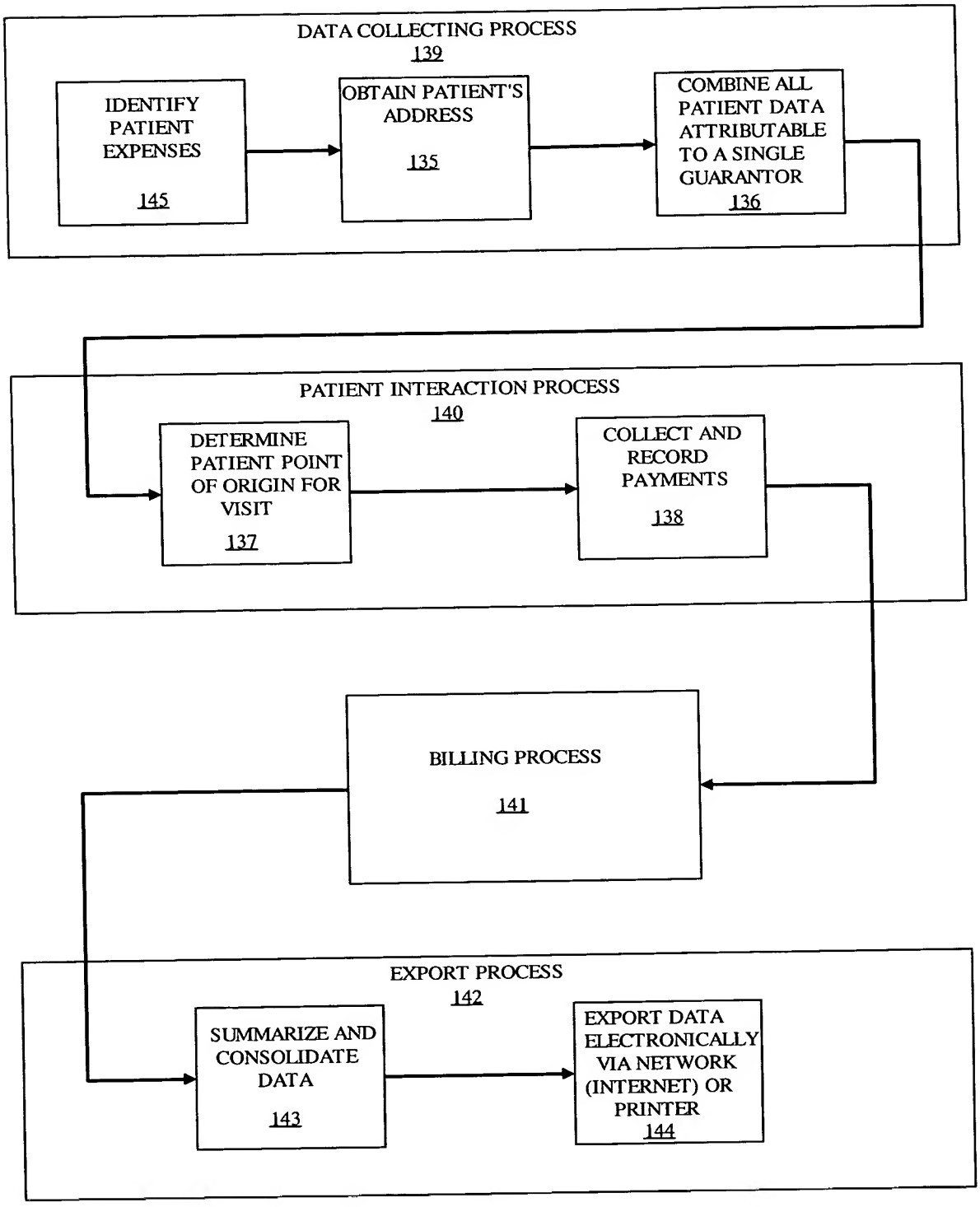
DATA COLLECTING PROCESS
139
IDENTIFY PATIENT EXPENSES
145
OBTAIN PATIENT'S ADDRESS
135
COMBINE ALL PATIENT DATA ATTRIBUTABLE TO A SINGLE GUARANTOR
136
PATIENT INTERACTION PROCESS
140
DETERMINE PATIENT POINT OF ORIGIN FOR VISIT
137
COLLECT AND RECORD PAYMENTS
138
BILLING PROCESS
141
EXPORT PROCESS
142
SUMMARIZE AND CONSOLIDATE DATA
143
EXPORT DATA ELECTRONICALLY VIA NETWORK (INTERNET) OR PRINTER
144

Fig. 2

24

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Fig. 3

Memorial Health System

15 14 13 Payments for 2002

Guarantor: John Smith **132**
SSN 123-45-6780

Patient	John Smith			
SSN	123-45-6780			
Date	Code	DEPT	Description	Payment
01/02/2002	12001	Cardiology	Stress Test **7**	30.00
01/02/2002	13001	Lab	Lipid Panel **8**	20.00
01/02/2002	99001	Mileage	54 miles **9**	18.36
01/02/2002	99002	Parking	Parking **10**	10.00
01/02/2002	99003	Co-pay	**11**	10.00
SubTotal		**19**		88.36
Patient	Susan Smith (spouse)			
SSN	123-45-6781			
Date	code	DEPT	Description	Payment
01/02/2002	14001	Women Cntr	A-Hydrocort 100 MG UNIVAL	30.00
01/02/2002	14002	Women Cntr	C SECTION PACK	111.75
01/02/2002	14003	Women Cntr	G G TRANS-PEPTIDASE	10.00
01/02/2002	99001	Mileage	27 miles	9.18
01/02/2002	99002	Parking	Parking	5.00
SubTotal				165.93
Patient	John Smith Jr. (child)			
SSN	123-45-6782			
Date	Code	DEPT	Description	Payment
01/02/2002	15001	Pharmacy	MAXIDEX 0.1% EYE DROPS	10.00
01/02/2002	15002	Pharmacy	DEBROX 6.5% EAR DROPS	10.00
SubTotal				20.00
Grand Total				264.29

16 17

Footnotes:

2002 mileage allowance: $.34 per mile.

Payments represent deductibles, co-payments actually paid by John Smith.

These expenses may be tax deductible or qualify for reimbursement from your employer's Medical Flex-Spending Account.

Fig. 4